

KCNK2 polyclonal antibody (DyLight 550)

Catalog # PAB15124

Size 100 uL

Specification

Product Description	Rabbit polyclonal antibody raised against synthetic peptide of KCNK2.
Immunogen	A synthetic peptide corresponding to amino acids 1-100 of human KCNK2.
Host	Rabbit
Reactivity	Human
Specificity	88% sequence identity with rat protein. TREK 1 Please note that it is essential to run against membrane preps. NOT recommended for immunohistochemistry.
Form	Liquid
Conjugation	DyLight 550
Purification	Immunogen affinity purification
Recommend Usage	Western Blot (2 ug/ mL) The optimal working dilution should be determined by the end user.
Storage Buffer	In 50 mM sodium borate (0.05% sodium azide).
Storage Instruction	Store at 4°C in the dark.
Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Applications

- Western Blot

Gene Info — KCNK2

Entrez GeneID	3776
Protein Accession#	O95069
Gene Name	KCNK2
Gene Alias	K2p2.1, MGC126742, MGC126744, TPKC1, TREK, TREK-1, TREK1, hTREK-1c, hTREK-1e
Gene Description	potassium channel, subfamily K, member 2
Omim ID	603219
Gene Ontology	Hyperlink
Gene Summary	This gene encodes one of the members of the two-pore-domain background potassium channel protein family. This type of potassium channel is formed by two homodimers that create a channel that leaks potassium out of the cell to control resting membrane potential. The channel can be opened, however, by certain anesthetics, membrane stretching, intracellular acidosis, and heat. Three transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq]
Other Designations	K2P2.1 potassium channel OTTHUMP00000035062 OTTHUMP00000035063 TWIK-related potassium channel 1 potassium inwardly-rectifying channel, subfamily K, member 2 tandem-pore-domain potassium channel TREK-1 two-pore potassium channel 1

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